

Disclosure BOC8-1999-0032

Created By: Glen Walters Created On:

Last Modified By: Elaine Venturelli Last Modified On:

*** IBM Confidential ***

Required fields are marked with the asterisk (*) and must be filled in to complete the form .

Summary

Status	Under Evaluation
Processing Location	BOC
Functional Area	Telecommunications & Media
Attorney/Patent Professional	Richard Tomlin/Boca Raton/IBM
IDT Team	Edie Stern/Fort Lauderdaie/IBM
Submitted Date	
Owning Division	NA .
PVT Score	To calculate a PVT score, use the 'Catculate PVT' button.

Inventors with Lotus Notes ID's

Inventors: Glen Walters/Fort Lauderdale/IBM

Inventor Name	Inventor		Manager		
> denotes primary contact	Serial	Div/Dept	Serial	Manager Name	
Walter Genik France	942789	452900A	4025120	Deas, M. (Happy)	Š

Inventors without Lotus Notes ID's

IDT Selection

Eth Learns			Patent Professionals omlin/Soca Ratop/BMs		
Response Due to IP&I					\$
Main Idea *Title of disclosure (in English) Slow File Transfer to Share Netwo	rk Bandwidth	· · · · · · · · · · · · · · · · · · ·	AND	464.203	
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1. Describe your invention, stating the problem solved (if appropriate), and indicating the advantages of using the invention.

Many applications perform network downloads that are unimportant to the current execution of the program. For example, the IBM Global Network Dialer on each login checks for program and phone-list updates. If a new version is available, the application begins downloading that version. Even though the results of this download won't be used until the next session, the download occurs at the fastest speed possible on that dialup link, resulting in slower network performance on other applications. The end user signed on to the network to run a particular application, and that application's performance is suffering due to a relatively unimportant download using too much of the limited bandwidth.

The solution is to tell the server how fast it should feed the client the download. Without the invention, the server would feed the client as fast as it could keep up, thereby filling the available bandwidth. If the

download could be configured to take no more than, say, 25% of the available bandwidth, that would leave a considerable amount available to the applications which are more important to the end user.

2. How does the invention solve the problem or achieve an advantage, (a description of "the invention", including figures inline as appropriate)?

A typical download (taking the form of an HTTP or FTP request) would take place at the fastest rate supported by the interface (e.g. 28.8Kbps). In the present invention, a server entity (HTTP servlet or CGI, specialized FTP server, etc.) would be instructed to never exceed a predetermined data transmission rate (e.g. 7.2Kbps), which may or may not be configurable by the end user. This would free up the remainder of the interface's maximum bandwidth for use by other applications.

3. If the same advantage or problem has been identified by others (inside/outside IBM), how have those others solved it and does your solution differ and why is it better?

None known.

4. If the invention is implemented in a product or prototype, include technical details, purpose, disclosure details to others and the date of that implementation.

The prototype for BOC8-1998-0110 (linked here: 🖹) could be used to demonstrate this invention.



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Professional	
IDT Team	Edia Olam (F. ad L. ad L

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IDT Team Edie Stern/Fort Lauderdale/iBM Submitted Date Owning Division

PVT Score To calculate a PVT score, use the 'Calculate PVT button.

Inventors with Lotus Notes ID's

inventors: Glen Watters/Fort Lauderdale/IBM

inventor Name	Inventor		Manager	
> denotes primary contact	Serial	Div/Dept	Serial	Manager Name
Walters, Clerk R	342789	45/9DQA	402512	Deas, H. (Happy)

Inventors without Lotus Notes (D's

IDT Selection

tti) Tearn: ede-sterr/Fort/Lauderdale/IBM		Attorney/Patent Professi Richard Tomlin/Boca Rete	onati o/IBM	
Response bijesto (P&III)				
Main Idea *Title of disclosure (in English) i Slow File Transfer to Share Network	Bandwidth			
fde2 of disclosure				

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The prototype for BOC8-1998-0110 (linked here: 👜) could be used to demonstrate this invention.

FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L.

ATTORNEYS AT LAW

Miami • Fort Lauderdale • Boca Raton

Fleit, Kal ibbons, Gutman, Bongini & Lianco P.L. 551 NW 77th Street, Suite 111 Boca Raton, Florida 33487 Telephone: (561) 989-9811

Facsimile: (561) 989-9812 writer's e-mail: jglbbons@FocusOnIP.com

TELECOPIER TRANSMITTAL FORM

RECEIVED CENTRAL FAX CENTER

MAY 2 3 2005

DATE:

May 23, 2005

TO: FIRM: Examiner Kimberly D. Flynn USPTO, Group Art Unit 2153

FAX #:

(703) 872-9306 (703) 308-7609

PHONE: FROM:

Jon A. Gibbons

(INCLUDING THIS PAGE)

TOTAL NUMBER OF PAGES: 50

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MESSAGE:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Victor S. MOORE et al.

Serial No.: 09/497,836

For: USER INPUT BASED ALLOCATION OF BANDWIDTH ON A DATA LINK

Enclosed are the following:

Transmittal letter (1 pg.); Response Without Amendment (16 pgs.); Previously Submitted Declaration under 37 CFR 1.131 (3 pgs.); Telecopier Transmittal Form (1 pg.); Auto-Reply Facsimile Transmission (1 pg.); Transmission Verification Report (1 pg.); and Previously Submitted Office Action Response dated 10/4/2004 (27 pgs.)

Docket No.: BC9-99-044

120-A99-150

May 23, 2005



I Dentical Copy of Provious TRANSMISSION
CORRected TOTAL NUMBER OF PAGES ON THIS SHEET ONLY

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

: Atty. Docket No. BC9-99-044

Victor S. MOORE, et al.

: Group Art Unit: 2153

Serial No. 09/497,836

: Examiner: Kimberly D. Flynn

Filed: February 3, 2000

: Confirmation No. 7966

For: USER INPUT BASED ALLOCATION OF BANDWIDTH ON A DATA LINK

TRANSMITTAL

MAIL STOP AF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

(1)	(2) Claims	(3)	(4) Highest	(5)	(6)	(7)
	Remaining After Amendment		Number Previously Paid For	Extra Claims	Rate	Fee
Total Claims (Small Entity)	18	-	20		50.00 (25.00)	0
ndependent claims (Small Entity)	6	-	6	0	200.00 (100.00)	0
Multiple Dependent (Small Entity)	0	-	0	0	360.00 (180.00)	
Extension of Time Fee (Small Entity)	One Month \$120 (\$60)		Two Months \$450 (\$225)	Three Months \$1,020 <i>(\$510)</i>		0

XX The Commissioner is hereby authorized to charge any required fees to Deposit Account No. 09-0452.

Customer No. 23334

Fleit, Kain, Gibbons, Gutman, Bongini & Bianco P.L.

551 NW 77th Street, Suite 111 Boca Raton, Florida 33487

Telephone: (561) 989-9811 Facsimile: (561) 989-9812

Respectfully submitted,

Reg. No. 37,333

10/04/2004 16:29

561~989-9812

FLEIT KAIN ET AL.

PAGE 91/27

FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L. ATTORNEYS AT LAW

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writer's e-mail: jgibbons@FocusOnIP.com

TELECOPIER TRANSMITTAL FORM

RECEIVED CENTRAL FAX CENTER OCT 0 4 2004

DATE:

October 4, 2004

TO: FIRM: Examiner Kimberly D. Flynn USPTO, Group Art Unit 2153

FAX#: PHONE: FROM:

(703) 872-9308 (703) 308-7609

Jon A. Gibbons

TOTAL NUMBER OF PAGES: 27

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Applicant(s): Victor S. MOORE et al.

Serial No.: 09/497,836

For: USER INPUT BASED ALLOCATION OF BANDWIDTH ON A DATA LINK

Enclosed are the following:

Transmittal letter (1 pg.); Petition for Extension of Time (1 pg.); Response and Amendment (21 pgs.); and 37 CFR 1.131 Declaration with invention disclosure (3 pgs.)

Docket No.: BC9-99-044

120-A99-150

October 4, 2004

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"Focus on IP"

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PAGE 1/27 * RCVD AT 10/4/2004 4;32;32 PM [Eastern Daylight Time] * 8VR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:501 689 8812 * DURATION (mm-ss):10-10

Auto-Reply Facsimile Transmission



TO:

Fax Sender at 561 989 9812

Fax Information

Date Received:

10/4/2004 4:32:32 PM [Eastern Daylight Time]

27 (including cover page) **Total Pages:**

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received Cover Page

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			Bongini & Blanco P.L.		
GIBBONS,			551 NW 77th Street, 2	Bulbo 111	
& BONGIN			Boca Ratos, Florida	33487	
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TRANSMISSION VERIFICATION REPORT

TIME : 10/04/2004 16:39 NAME : FLEIT KAIN ET AL. FAX : 561-989-9812 TEL : 561-989-9811 SER.# : 000L3J186396

DATE, TIME FAX NO. /NAME DURATION PAGE(S) RESULT

10/04 16:29 USPTD - CENTRAL 00:09:49 27 DK FINE

FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L. ATTORNEYS AT LAW

Miami • Fort Lauderdale • Boca Raton

Fielt, Kain, Gibbons, Gutman, Bongini & Blanco P.L. 551 NW 77th Street, Suite 111 Boca Raton, Fiorida 33487 Telephone: (561) 989-9811 Facsimile: (561) 989-9812 writer's e-mail: jgibbons@FocusOnIP.com

TELECOPIER TRANSMITTAL FORM

DATE:

October 4, 2004

TO: FIRM: Examiner Kimberly D. Flynn USPTO, Group Art Unit 2153

FAX #: PHONE: (703) 872-9306 (703) 308-7609

FROM:

Jon A. Gibbons

TOTAL NUMBER OF PAGES: 27 (INCLUDING THIS PAGE)

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MESSAGE:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Victor S. MOORE et al.

Serial No.: 09/497,836

For: USER INPUT BASED ALLOCATION OF BANDWIDTH ON A DATA LINK

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Transmittal letter (1 pg.); Petition for Extension of Time (1 pg.); Response and Amendment (21 pgs.); and 37 CFR 1.131 Declaration with invention disclosure (3 pgs.)

Docket No.: BC9-99-044

120-A99-150

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FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L.

ATTORNEYS AT LAW

Miami • Fort Lauderdale • Boca Raton

Fleit, Kain, "Nons, Gutman, Bonginl & Roy, Lo P.L. 551 NW 77th Street, Suite 111 Boca Raton, Florida 33487 Telephone: (561) 989-9811 Facsimile: (561) 989-9812

writer's e-mail: jgibbons@FocusOnIP.com

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In re Patent Application of

: Atty. Docket No. BC9-99-044

Victor S. MOORE, et al.

: Group Art Unit: 2153

Serial No. 09/497,836

: Examiner: Kimberly D. Flynn

Filed: February 3, 2000

: Confirmation No. 7966

For: USER INPUT BASED ALLOCATION OF BANDWIDTH ON A DATA LINK

TRANSMITTAL

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

Transmitted herewith is an amendment in the above-identified application, and the following: X] Petition for Extension of Time and 37 CFR 1.131 Declaration (w/invention disclosure)

The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

CLAIMS AS AMENDED								
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Pald For	(5) Extra Claims	(6) Rate	(7) Fee		
Total Claims (Small Entity)	18	-	20	0	18.00 (9. <i>00</i>)	0		
Independent claims (Small Entity)	6	-	6	0	88.00 (44.00)			
Multiple Dependent (Small Entity)	0	-	0	0	300.00 (150.00)	0		
Extension of Time Fee (Small Entity)	One Month \$110 <i>(\$55)</i>		Two Months \$430 (\$215)	Three Months \$980 (\$490)		110		
Total						\$110		

XX The Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1556.

Date: 10/4 0

Bv:

Jon A

Respectfully submitted,

Reg. No. 37,333

Customer No. 23334

Fleit, Kain, Gibbons, Gutman, Bongini & Bianco P.L.

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